Conclusion:

From experiment, I noticed the face recognition was sensitive to face background, light, and head orientations. This technique described the accurate and efficient method of automatic attendance in the classroom which could replace the traditional method. An automatic attendance has many advantages, most of the existing systems are time consuming and require semi manual interference from lecturers, and our system seeks to solve these issues by using face recognition in the process to save the time and labor. And No need for installing complex hardware for taking the attendance in classroom, all we need is a camera and laptop. We used algorithms that can detect and recognize faces in the image.

Limitation:-

In our project we have faced many of problems and we have overcome them:

1- Download Python and library

Future

Automatic attendance system can be improved by increasing the number of features which can be extracted to increase accuracy of face recognition. Once the software is developed and tested properly, it could be improved to cover full institutions such as the faculty of engineering.